## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5520187").PN.	USPAT; USOCR	OR	OFF	2009/03/19 14:11
S2	2	"20050228287"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/03/19 14:47
S3	1	("6468213").PN.	USPAT; USOCR	OR	OFF	2009/08/22 12:21
S4	5	"2005023402"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/22 12:22
S5	5	"2005023402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/22 12:22
S6	0	(agelsen).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/22 12:23
S7	2	"20050203402"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/08/24 08:48
S8	2	"20050113698"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/24 08:49
S9	1	("6333648").PN.	USPAT; USOCR	OR	OFF	2009/08/24 10:05
S10	13	asic and beam and multiplex\$4 and sonogram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 07:39
S11	10	asic and beamformer and multiplex\$4 and sonogram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 07:43
S12	13	asic and (beamformer beam) and multiplex\$4 and sonogram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 07:44
S13	13	asic and (beamformer beam (beam adj former)) and multiplex\$4 and sonogram	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 07:44
S14	12491	asic and multiplex\$4 and (signal with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/25 07:46

S15	1933	S14 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 08:04
S16	921	S15 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 08:05
S17	164	S16 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/25 08:05
S18	8	("4173007"   "5123415"   "5295485"   "5360005"   "5369624"   "5590658"   "5690114"   "5709209"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/26 07:27
S19	12491	asic and multiplex\$4 and (signal with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 07:29
S20	1933	S19 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:29
S21	921	S20 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:29
S22	164	S21 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:29
S23	0	S22 and (sonosight).xa.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:29
S24	2	S22 and (sonosight).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:29
S25	0	(asic).clm. and (sonosight). as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:30
S26	1	(beamformer and transducer and multiplexing).clm. and (sonosight).as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 07:31
S27	12491	asic and multiplex\$4 and (signal with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 08:51
S28	1933	S27 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 08:51
S29	921	S28 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 08:51
S30	100	S29 and transducer and (different with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 08:51

S31	2132	asic and (determin\$4 with number with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 14:13
S32	1036	S31 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 14:13
S33	140	asic and (determin\$4 with number with channel with (path link))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 14:13
S34	69	S33 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 14:13
S35	41	asic and (determin\$4 with number with channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/08/26 15:53
S36	26	S35 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/26 15:53
S37	1	("5524629").PN.	USPAT; USOCR	OR	OFF	2009/09/02 10:18
S38	332342	"1" and (signal with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/02 10:18
S39	1	S37 and (signal with channel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/02 10:18
S40	8	("4173007"   "5123415"   "5295485"   "5360005"   "5369624"   "5590658"   "5690114"   "5709209"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 08:30
S41	299690	S40 ans asic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 08:33
S42	1	S40 and asic	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 08:33
S43	847	asic and (beamformer beam (beam adj former)) and multiplex\$4 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/03 09:11
S44	361	S43 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/03 09:11
S45	83	S44 and sum\$4 and channels and (sonogram ultrasound)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/03 09:13
S46	1	("6569101").PN.	USPAT; USOCR	OR	OFF	2009/09/03 09:26

S47	11	("5647366"   "5722412"   "5839442"   "5893363"   "5935074"   "6048319"   "6126608"   "6203498"   "6248073"   "6251073"   "6416475").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 09:26
S48	1	"20040001428"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/03 15:35
S49	22	("5229933"   "5345426"   "5469851"   "5522391"   "5573001"   "5590658"   "5676147"   "5860924"   "5897501"   "5997479"   "6013032"   "6102863"   "6111816"   "6234968"). PN. OR ("6491634").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 10:01
S50	20	S49 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/04 10:04
S51	3	S50 and asic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/04 10:04
S52	504	asic and (determin\$4 with channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:05
S53	234	S52 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:05
S54	20	S53 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:06
S55	864	asic and (number with channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:09
S56	429	S55 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:09
S57	39	S56 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:09
S58	551	asic and ((number near5 channel) with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:12
S59	248	S58 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:12
S60	17	S59 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:12
S61	1121	asic and ((number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:57

S62	69	asic and (determin\$4 with (number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:57
S63	31	S62 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:57
S64	5	S63 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:57
S65	107	(beamformer beam (beam adj former)) and (determin \$4 with (number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 16:58
S66	68	S65 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 16:59
S67	2	ultrasound and (determin \$4 with (number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:05
S68	1	sonogram and (determin \$4 with (number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:06
S69	33	transducer and (determin \$4 with (number near5 channel) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:06
S70	18	S69 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:06
S71	72	transducer and (determin \$4 with (number near5 signal) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:08
S72	56	S71 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:08
S73	1	sonogram and (determin \$4 with (number near5 signal) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:12
S74	11	ultrasound and (determin \$4 with (number near5 signal) with (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:12
S75	20	ultrasound and (determin \$4 with (number near5 signal) same (link path))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:14
S76	9	S75 not S74	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:14
S77	253	asic and (determin\$4 near5 channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:16

S78	119	S77 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:16
S79	8	asic and (determin\$4 near5 number near5 channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:16
S80	3	S79 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:16
S81	210	(determin\$4 near5 number near5 channel with path)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:17
S82	142	S81 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:17
S83	18	S82 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:17
S84	210	(determin\$4 near5 number near5 channel) with path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:19
S85	0	S81 and sonogram and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:19
S86	0	S81 and ultrasound and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:19
S87	3	S81 and asic and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:20
S88	1	S81 and transducer and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:20
S89	95	(determin\$4 adj5 number adj5 channel) with path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/07 17:26
S90	68	S89 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/07 17:26
S91	6444	multiplex\$4 with enable with select\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 09:48
S92	4853	S91 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 09:48
S93	4174	multiplex\$4 with enable with select\$4 with signal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 09:49
S94	3104	S93 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 09:49

S95	350	S94 and asic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 09:49
S96	8	S95 and (beamformer beam (beam adj former))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 10:11
S97	10	S95 and ultrasound	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 10:51
S98	18	(determin\$4 near5 number near5 channel) with in with path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:07
S99	9	S98 and @ad< "20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 16:07
S100	766	(number near5 channel) with in with path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:09
S101	543	S100 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 16:09
S102	553	(number adj4 channel) with in with path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:09
S103	381	S102 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 16:09
S104	11	(number adj4 channel) adj10 in adj10 path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:10
S105	0	S104 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 16:10
S106	14	(number adj4 channel) adj50 in adj50 path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:10
S107	0	S106 and @ad<"20040408"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/08 16:10
S108	0	(amount adj4 channel) adj50 in adj50 path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:11
S109	0	(count adj4 channel) adj50 in adj50 path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:12
S110	0	(count\$4 adj4 channel) adj50 in adj50 path	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/09/08 16:12

## **EAST Search History (Interference)**

< This search history is empty>

9/9/2009 8:06:53 AM C:\ Documents and Settings\ ptran5\ My Documents\ EAST\ Workspaces\ 10821123.wsp